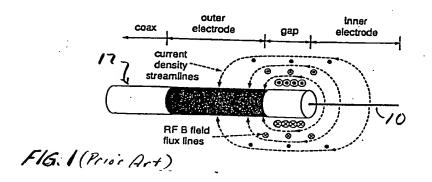
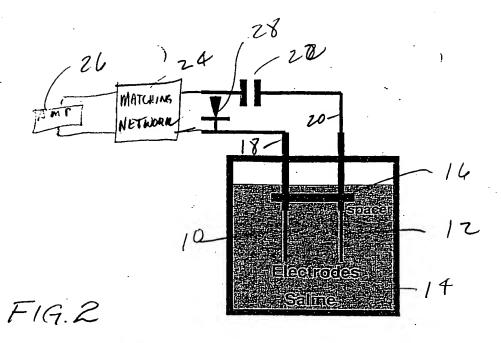
Henry K. Woodward, Reg No. 22,672, (650) 326-2400 lication No. Unassigned; Atty. Docket: 05490H0 Title: Electrode probe coil for MRI Applicants: Greig C. Scott et al. Sheet 1 of 3





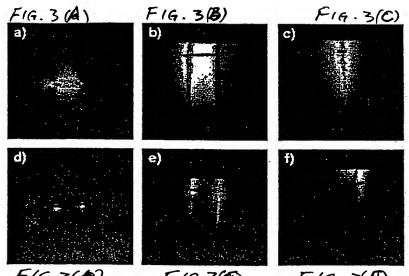
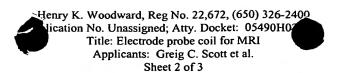


Figure 3: Sensitivity of the electrode probe coil. In this example, a-c) shows the sensitivity pattern in the axial, coronal, and sagittal planes with the electrodes in a plane parallel to Bo. Images d-f) show the sensitivity pattern in the same planes with the electrodes in a plane perpendicular to Bo.



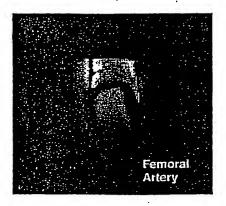


Figure 4. Axial image of an excised human femoral artery using the electrode probe coil on a 1.5T MRI scanner. These probes provide exquisite detail while being minimally invasive.

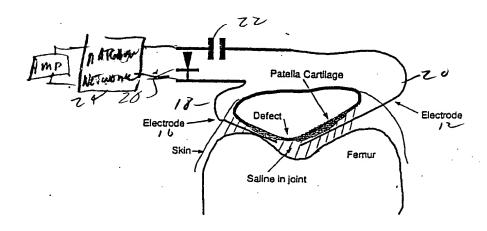
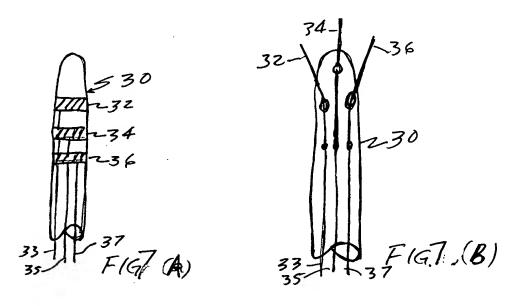
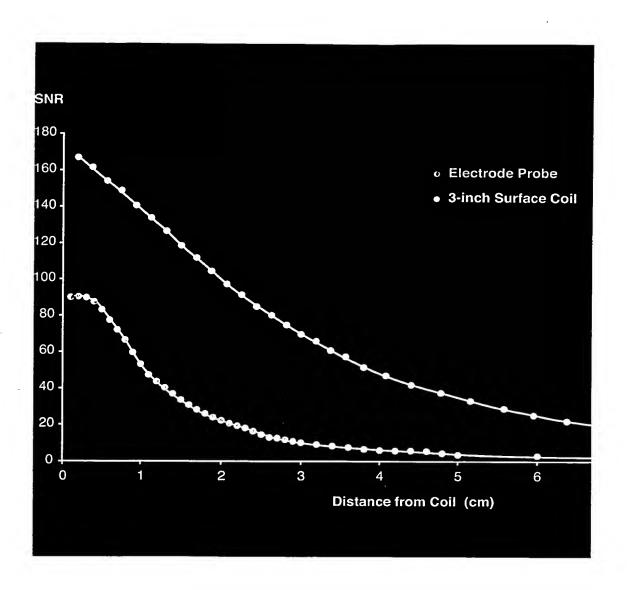


Figure **5**: Schematic drawing of placement of the electrode probe coil intra-articularly in a patient with a defect in the patellar cartilage. The joint is filled with saline and the probes are placed near the defect to maximize SNR in the area of interest.



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